

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Reclamation District No. 2075 McMullin**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2075 McMullin

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	7.52
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/21/2012 - 3/21/2012			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. Eddie Cordoza Reclamation District 2075			
	Lorin Hayworth RD 2075			
	Mr. Lorin Hawyard RD 2075			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2075 McMullin

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Right	7.52	03/21/2012 03/21/2012	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	Photo
	Start	End					Start	End		
1			Earthen Levee	Emergency Supplies & Equipment	LS A Ma		°	°	16	
DWR ID: DWR_RD2075_01_s_2012_16										
2			Earthen Levee	Operations & Maintenance Manuals	LS M Ma		°	°	17	
DWR ID: DWR_RD2075_01_s_2012_17										
3			Earthen Levee	Flood Preparedness & Training	LS M Ma		°	°	19	
DWR ID: DWR_RD2075_01_s_2012_19										
4	0.03	0.03	Earthen Levee	Vegetation	LS A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.748742 ° -121.289701 °	37.748742 ° -121.289701 °	21 Y	
DWR ID: DWR_RD2075_01_s_2012_21										
5	0.05	0.05	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748816 ° -121.289640 °	37.748816 ° 121.289640 °	183 Y	
DWR ID: DWR_RD2075_01_s_2012_183										
6	0.05	0.05	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748816 ° -121.289640 °	37.748816 ° -121.289640 °	184 Y	
DWR ID: DWR_RD2075_01_s_2012_184										
7	0.12	0.25	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748177 ° -121.289740 °	37.746334 ° -121.289547 °	179	
DWR ID: DWR_RD2075_01_s_2012_179										
8	0.12	0.16	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.748189 ° -121.289727 °	37.747503 ° -121.289412 °	180	
DWR ID: DWR_RD2075_01_s_2012_180										
9	0.75	0.75	Earthen Levee	Encroachments	WS M En	EQ : Equipment	37.742025 ° -121.284827 °	37.742025 ° -121.284827 °	13	
DWR ID: DWR_RD2075_01_s_2012_13										
10	0.94	1.39	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.740755 ° -121.281844 °	37.735316 ° -121.283129 °	181	
DWR ID: DWR_RD2075_01_s_2012_181										
11	1.02	1.09	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.739712 ° -121.281220 °	37.738819 ° -121.281777 °	182	
DWR ID: DWR_RD2075_01_s_2012_182										
12	1.11	1.16	Earthen Levee	Encroachments	LS M En	AD : Agricultural Ditch	37.738457 ° -121.281812 °	37.737835 ° -121.281708 °	1	
DWR ID: DWR_RD2075_01_s_2012_1										
13	1.19	1.20	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	37.737462 ° -121.281638 °	37.737322 ° -121.281563 °	3	
DWR ID: DWR_RD2075_01_s_2012_3										
14	1.26	1.44	Earthen Levee	Encroachments	LS M En	AD : Agricultural Ditch	37.736473 ° -121.281585 °	37.735173 ° -121.284033 °	4	
DWR ID: DWR_RD2075_01_s_2012_4										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2075 McMullin

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River					Right	7.52	03/21/2012 03/21/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	1.32	1.32	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	37.735710 ° -121.282315 °	37.735710 ° -121.282315 °	5
DWR ID: DWR_RD2075_01_s_2012_5										
16	1.41	1.41	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	37.735277 ° -121.283537 °	37.735277 ° -121.283537 °	6
DWR ID: DWR_RD2075_01_s_2012_6										
17	2.32	2.32	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	37.731507 ° -121.293760 °	37.731507 ° -121.293760 °	7
DWR ID: DWR_RD2075_01_s_2012_7										
18	2.32	5.94	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: This section of levee the District drug the slopes both landward and waterward. No veg present.	37.731272 ° -121.293708 °	37.721978 ° -121.266246 °	15
DWR ID: DWR_RD2075_01_s_2012_15										
19	2.73	2.73	Earthen Levee	Crown Surface / Depressions / Rutting	WS	C Ma	Inspector Comments: This item was identified with an Unacceptable rating in the USACE PI report (MCMU_2009_a_0096). Reinspect on 12/2/10 revealed that repairs were made as indicated in the 11/8/10 letter from KSN, however new depressions present.	37.725810 ° -121.294645 °	37.725810 ° -121.294645 °	18
DWR ID: DWR_RD2075_01_s_2012_18										
20	5.34	5.35	Supplemental	DWR Erosion Survey	WS	U Ma	Inspector Comments: 08/18/2011: No significant changes observed on site. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection. 10/05/2010: No significant changes observed on site. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".08/17/2007: Site is close to an irrigation pump inlet. [2011 Site ID:RD2075U01RM64.34]	37.727933 ° -121.274491 °	37.727933 ° -121.274491 °	2 Y
DWR ID: DWR_RD2075_01_s_2012_2										
21	5.62	5.62	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	37.724947 ° -121.271103 °	37.724947 ° -121.271103 °	8
DWR ID: DWR_RD2075_01_s_2012_8										
22	6.52	6.55	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	37.717362 ° -121.258437 °	37.719107 ° -121.258697 °	9
DWR ID: DWR_RD2075_01_s_2012_9										
23	6.68	6.87	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	37.717362 ° -121.258437 °	37.714633 ° -121.258737 °	10
DWR ID: DWR_RD2075_01_s_2012_10										

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	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

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Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2075 McMullin

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River						Right	7.52	03/21/2012 03/21/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
24	6.93	7.00	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	37.714010 ° -121.259605 °	37.713777 ° -121.260675 °	11
								DWR ID: DWR_RD2075_01_s_2012_11		
25	7.01	7.01	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	37.713815 ° -121.260743 °	37.713815 ° -121.260743 °	12
								DWR ID: DWR_RD2075_01_s_2012_12		

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2075 McMullin

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Unit No. 01 San Joaquin River	Right	7.52	03/21/2012 03/21/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2075 Standing at levee mile 0.03 looking downstream at landside slope. Photo taken 3-21,2012.

phillips_s_20120413_323.jpg



Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2075 Looking downstream from levee mile 0.00 landside slope. Photo taken 11-02-2011.

phillips_s_20120306_321.jpg



Levee Mile Report Line	6
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 2075 Looking downstream from levee mile 0.05 waterside. Photo taken 11-02-2011.

phillips_s_20120306_322.jpg



*** Location**

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Unit No. 01 San Joaquin River	Right	7.52	03/21/2012 03/21/2012	Herman Phillips

Levee Mile Report Line	20
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstream of the site towards the levee crown.

phillips_s_20120306_315.jpg



Levee Mile Report Line	20
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking up to the levee crown at the added material.

phillips_s_20120306_316.jpg



Levee Mile Report Line	20
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstream of the erosion site

phillips_s_20120306_317.jpg



*** Location**

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.52	03/21/2012 03/21/2012	Herman Phillips

Levee Mile Report Line	20
Start Levee Mile	5.34
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream from the added material to the levee	
phillips_s_20120306_318.jpg	



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CR : Crown	N : Not Inspected/Rated	En : Enforcement
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	
	U : Unacceptable	